



# आरत का राजपत्र

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No. 46] NEW DELHI, SATURDAY, NOVEMBER 18, 1967 (KARTIKA 27, 1889)

इस भाग में भिन्न पृष्ठ संख्या वाली है जिससे कि यह प्रलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2

## PART III—SECTION 2

बेंट्रल कार्पोरेशन द्वारा जारी की गई वेबोर्ड और डिजाइनों से सम्बंधित प्रचिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 18th November 1967.

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

28th October 1967

- 112955. Unilever Limited. Dehydrated meat product.
- 112956. Reynolds Metals Company. Improvements in or relating to rolling mills. (15th March 1967).
- 112957. M. D. Ambaswamy. Improved boss block for water ring primer.
- 112958. Farbenfabriken Bayer Aktiengesellschaft. Process for the dyeing of shaped articles made of poly-acrylonitrile.
- 112959. Allmanna Svenska Elektriska Aktiebolaget. High pressure gas valve.
- 112960. Minister of Technology in Her Britannic Majesty's Government of the United Kingdom. Cooling apparatus. (31st October 1966).
- 112961. Imperial Chemical Industries Limited. Process for preparing bipyridylum compounds. (7th November 1966).
- 112962. K. S. Parthasaradhi. Switching technique for voice frequency repeaters, voice frequency telegraph, and telephone equipment.

30th October 1967

- 112963. S. R. Nanavati. An apparatus to display a variety of illuminated patterns, each in changing colours.
- 112964. Eaton Yale & Towne Inc. Filling valve structure for pressurized containers.
- 112965. N. Bhandari. Process for manufacturing card board slates.

- 112966. Combustion Engineering, Inc. Forced through flow vapor generator.
- 112967. E. I. du Pont de Nemours and Company. 2-benzimidazole carbamic acid esters by the cyanamid process.
- 112968. General Electric Company. Interlaced disk winding with improved impulse voltage gradient.
- 112969. M. R. Tembe. Kiln for continuous heating of material without contact with heating gases.
- 112970. Sandoz Ltd. Improvements in or relating to organic compounds. (31st October 1966).
- 112971. Sandoz Ltd. Improvements in or relating to organic compounds. (31st October 1966).
- 112972. Sandoz Ltd. Improvements in or relating to organic compounds. (31st October 1966).
- 112973. Sandoz Ltd. Improvements in or relating to organic compounds. (31st October 1966).
- 112974. Sandoz Ltd. Improvements in or relating to organic compounds. (31st October 1966).
- 112975. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of synthesis gas by catalytic cracking of hydrocarbons with steam.
- 112976. National Distillers and Chemical Corporation. Vinyl acetate/ethylene copolymers.
- 112977. P.B. Nene. Improved shampoo (a cosmetic product).
- 112978. Dr. G. P. Palnitkar. A novel device for raising or lowering the window panes of automobiles and the like.
- 112979. J. R. Geigy A. G. Process for the production of new substituted phenylacetic acids and their esters.
- 112980. Societe Des Accumulateurs Fixes Et De Traction. Electrochemical cell of the cylinder type.

112981. Farbenfabriken Bayer Aktiengesellschaft. Derivatives of n, n-bis-(2chloroethyl)-hydrazine and their production.
112982. M & T Chemicals Inc. Nickel plating.
112983. Chas. Pfizer & Co., Inc. Nitrogen heterocycles and process for their preparation.
112984. M/s. Precision Laboratories of India. Vibro stimulator slimming machine.
112985. V. Ram. Improvement in rock bits.
112986. V. Ram. Improvement in or relating to rock bits.
112987. G. D. Kundaji. Improvements in or relating to prefabricated houses and method of manufacturing same.

*31st October 1967*

112988. Jagivandas & Co. Improvements in or relating to improved frame for carrying food containers commonly known as tiffin carriers.
112989. Tor-Isteg Steel Corp. Reinforcing rods for concretes.
112990. Kjellberg Elektroden & Maschinen GMBH. Improvements in and relating to plasma arc burners. (28th November 1966).
112991. National Lead Company. Improvements in or relating to polymer additive compositions.
112992. National Lead Company. Tribasic lead sulfate.
112993. Allis-Chalmers Manufacturing Company. Hydraulic stabilising system for a tiltable bulldozer.
112994. Maybach Mercedes-Benz Motorenbau GmbH. Welded cylinder and crankshaft housing.
112995. Farbenfabriken Bayer Aktiengesellschaft. Dyeing and printing of fibre substrates. (5th June 1967).
112996. Aktiebolaget Kamyr. Grinding apparatus.
112997. Chas. Pfizer & Co., Inc. Surfactants in carbomycin fermentation.
112998. The British Petroleum Company Limited. Antibiotic. (25th November 1966).

112999. Avery-Hardoll Limited and Beck & Co. (Meters) Limited. Improvements in and relating to liquid dispensing apparatus. (1st November 1966).
113000. Egyesult Gyogyszer-Es Tapszergyar. Process for preparing pharmaceutically active new compounds.
113001. The Power-Gas Corporation Limited. Improvements in or relating to the production of urea phosphate. (2nd November 1966).
113002. Trafikaktiebolaget Grangesberg-Oxelosund. Process for coldhardening of shaped bodies.
113003. Crane Canada Limited. Prefabricated room assembly (1st November 1966).
113004. Toyo Koatsu Industries, Incorporated. Nitrification inhibiting method.
113005. P. Wolters. Grinding elastomeric or analogous materials.
113006. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Apparatus for welding articles made of thermoplastic materials.

*2nd November 1967*

113007. A. V. Pilankar. Improvements in or relating to locks.
113008. Westinghouse Air Brake Company. Fluid pressure brake control valve apparatus with selective direct or graduated release function.
113009. Castings (India). Process for the manufacture of steel rings.

113010. Texaco Development Corporation. Silanized crystalline aluminosilicates.
113011. Toyo Rayon Co., Ltd. and Howa Machinery, Ltd. An improved method and apparatus for manufacturing yarn from textile fibers.
113012. Shell Internationale Research Maatschappij N. V. Process for the preparation of predominantly random rubber-like copolymers of butadiene-1, 3 or isoprene with styrene.
113013. M & T Chemicals Inc. Novel zinc plating process.
113014. L. Eigenmann. Production of tubular textile containers.
113015. N. V. Philips Gloeilampenfabrieken. Pulse delta modulation transmission system and transmitters and receivers to be used in said system.
113016. N. V. Philips Gloeilampenfabrieken. Lighting fitting for tubular lamps.

113017. Lepetit S.p.A.—Gruppo per la Ricerca Scientifica e la Produzione Chimica Farmaceutica, and Ciba Limited. New antibiotic substances. (3rd November 1966).
113018. Galvanol International Co. Paints and paint compositions. (20th January 1967).
113019. The Air Preheater Company, Inc. Heat exchanger tubes.
113020. Merck & Co., Inc. 3-hydroxy and 3-mercaptopyrzinoylguanidines, corresponding ethers and thioethers and processes for their preparation.
113021. Merck & Co., Inc. Process for preparing nitro indoles.
113022. Chevron Research Company. Pipelining oil/water mixtures.
113023. Chevron Research Company. Method of moving viscous crude oil through a pipeline.
113024. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonyl-ureas and process for their manufacture.

*3rd November 1967*

113025. T. M. M. (Research) Limited. Improvements relating to the spinning of textile yarns. (8th November 1966).
113026. Farbenfabriken Bayer Aktiengesellschaft. Reactive dyestuffs.
113027. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of halopyrimidines.
113028. Dorr-Oliver Incorporated. Phosphoric acid production.
113029. Pilot Man-Nen-Hitsu Kabushiki Kaisha. Improvements in or relating to retractable nib fountain pens. [Divisional date 30th June 1966].
113030. Teeg Research, Inc. Radiation sensitive self-revealing element and method of utilizing the same for making a useful finished article.
113031. Research Corporation. Quinoxaline-di-n-oxides. (20th June 1967).
113032. Chinoim Gyogyszer es Vegveszeti Termek Gyara Rt. New homopyrimidazole derivatives, process for the preparation thereof and pharmaceutical compositions containing same.
113033. Pilkington Brothers Limited. Improvements in or relating to reflecting road beacons. (4th November 1966).
113034. U. Mahapatra. Improvements in or relating to mould boxes.
113035. Ciba Limited. Manufacture of aldehydes of the pregnane series and derivatives thereof. [Divisional date 3rd January 1967].

**Alteration of date**

111976. The application has been deemed to have been filed on 28th June 1967 under Rule 3 of the Indian Patents and Designs Rules, 1933.
111580. Ante-dated to 25th January 1966 under Section 5 of the Act.
112639. Ante-dated to 3rd February 1966 under Section 5 of the Act.
112640. Ante-dated to 3rd February 1966 under Section 5 of the Act.

**Applications Accepted**

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

97232. Aktiebolaget Bofors. Fire control system. Accepted on 3rd November 1967.

*Comprising a sight for determining the co-ordinate of a target means for conveying electric signals computer means, and filter device.*

103251. Kores (India) Limited. Improvements in or relating to contact copying papers. Accepted on 3rd October 1967.

*Wherein the colour yielding layer is composed of a mixture of two imperfectly compatible polymers together with pigments and a colour receiving layer composed of a mixture of waxes and polymers.*

103736. Societe Francaise Des Produits Pour Catalyse. Improvements in or relating to the conversion of refining of hydrocarbons, catalyst therefor and process of preparing the same. Accepted on 28th October 1967.

*Mixing silica sol with alumina gel, and incorporating catalytic elements of group VIII with or without group VI elements.*

103752. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to nematicidal compositions. Accepted on 3rd November 1967.

*Containing 4-haloeno-pyridine and a carrier.*

103811. Imperial Chemical Industries Limited and Balm paints Limited. Polymer Dispersion. (12th February 1965). Accepted on 31st October 1967.

*Particles of synthetic polymer in insoluble organic liquid, provides stabilizing steric barrier at least 12A° thick, the stabiliser being bonded to the polymer particles by strong specific inter action between polar groups in the stabiliser.*

103932. Franz Plasser Bahnbaumaschinen. Mobile track correcting device. Accepted on 30th October 1967.

*Comprising a machine frame having means for exerting a lateral thrust against a selected track rail, an elongated thrust receiving element connected at one end to front of the frame and at*

*the other end to a truck on the track and bogie on the track spaced from the frame and the track.*

104025. Ethicon Inc. An oriented filament suitable for use or in surgical suture and process of preparing the same. Accepted on 28th October 1967.

*A filament comprising a synthetic polylactide copolymer containing about 85-98.5 percent or repeating units of one antipodal species of alpha dioxy propionic acid and from 1.5-15 percent by weight or repeating units of  $\alpha$ -hydroxy carboxylic acids, glycolide or DL-lactide or lactone.*

104071. A. R. Rausing. A container Accepted on 30th October 1967.

*Characterized by the fact that the inner layer of material consists of a continuous lining containing a tubular shell dimensioned in such a way that in order to maintain a given shape at normally occurring stresses emanating from the filling goods it must be supported by a mechanically relatively stiff tubular sleeve surrounding the shell part.*

104182. S. A. J. Liljendahl. Improvements in the transport of waste. Accepted on 3rd November 1967.

*The volume of each pocket is only a small fraction of the conduit volume between two consecutive divides.*

104244. Institut Avtomatiki AN Kirgizskoi SSR. Arrangement for maintaining a preset water level. Accepted on 30th October 1967.

*Characterised by spillways between head water and tailwater, air chambers connected by pipelines with the spillways, and an additional chamber communicating with the air-chambers open from the bottom and by branch pipes with head water and tail water, a valve in one of the branch pipes connected to a water level gauge on the side of the controlled level.*

104487. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for producing substantially white, spinnable polyamide compositions, and compositions obtained thereby. Accepted on 23rd September 1967.

*Polyamide composition is stabilised by a mixture of a copper salt, a phosphorus compound and an alkali metal halide.*

104527. Council of Scientific and Industrial Research. Remote indicating hydraulic load cell. Accepted on 3rd November 1967.

*Comprising a liquid container with a piston sliding into a cylinder, a diaphragm is attached to the cylinder and when a electrical strain gauges are mounted on the back of the diaphragm.*

104578. Allied Chemical Corporation. Dehydrodimerisation process using metal oxide catalysts. Accepted on 3rd November 1967.

*Heating the dehydro dimer in the vapour phase at a temperature above 300°C in the presence as catalyst of one or more of lead oxide cadmium oxide and thallium oxide.*

104597. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the purification of paraffin sulfonic acids. Accepted on 19th September 1967.

*Paraffin sulfonic acid is purified by degassing the reaction mixture at 20-90°C with oxygen.*

104614. National Polychemicals, Inc. Phosphite-borate stabilizers for rubber polymerizes. Accepted on 29th September 1967.

*Comprises a mixture of a phosphorus-containing fusible soluble polymer and an organic hydrocarbon substituted borate.*

104625. Telcon-Magnetic Cores Limited. Transformer cores and method of making same. Accepted on 3rd November 1967.

- Comprising advancing a strip of magnetic material, cutting devices closed ring, line, means for retaining the butt joints.
- 104728 Phillips Petroleum Company. Improvements relating to the disproportionation of olefin hydrocarbons Accepted on 3rd October 1967.  
*Contacting a first olefin with a disproportionation catalyst containing a second olefin and third olefin fraction is introduced.*
- 104764 Ramenskoe Otdelenie Vsesojuznogo Nauchno-Issledovatel'skogo Instituta Geofizicheskikh Metodov Razvedki. Device for perforating wells to fracture formations Accepted on 7th October 1967.  
*Characterised by a shaped change perforator secured on the casing and coupled to the logging cable.*
- 104791 The Zinc Corporation Limited. Method and apparatus for froth flotation (17th November 1965) Accepted on 3rd November 1967.  
*Method of froth flotation comprises injecting into a body of pulp a pulp air jet under pressure forming air bubbles as it enters, dispersing the bubbles through pulp jet to form pulp air mixture*
104884. Bechtel International Company. Counter-current extraction process from fluid mixtures Accepted on 18th October 1967.  
*Comprises passing mixture through zones countercurrent to extracting liquid, first zone containing trays without down comers and at higher temperature than second zone.*
104953. Olin Mathieson Chemical Corporation. Improved process for the manufacture of aluminum base alloys Accepted on 23rd October 1967.  
*Characterized by holding said alloy at a temperature of from 950 to 1150°F for at least 5 minutes, hot rolling with a cooling rate during hot rolling of greater than 100°F per minute, and cooling to below 250°F at a rate greater than 100°F per minute.*
- 105012 The Goodyear Tire & Rubber Company. Laminated panel which resembles a wood-veneered panel and method of producing the same. Accepted on 26th October 1967.  
*Composed of a substrate of hardboard having a surface sanded to provide parallel straight line striations and a thermoplastic film adhered to the sanded surface, printed wood grain on the film being in same direction as the striations so that the exposed surface of film is roughened to conform to the striations.*
- 105035 Argus Chemical Corporation. Crystalline cyclic organotin compounds and process of making the same and halogen-containing resin compositions stabilized thereby Accepted on 27th October 1967.  
*Reacting an aromatic acid or its salt with an organotin compound*
- 105039 Owens-Corning Fiberglas Corporation. Molding compound of elastomeric glass fiber product, molded compounds obtained therefrom and method of preparing the molding compound Accepted on 28th October 1967.  
*Comprising elastomeric material and glass fibers distributed throughout continuous phase of that material.*
- 105058 M Krishnaswami. Improvements in or relating to sections for storage and furnishing systems Accepted on 28th October 1967.  
*Comprising a slotted plate bent at right angles at eight places, portions of the plate after the bends being provided with slots or holes, a locking bar comprising a central stem provided with at least two hooked extremities*
- 105063 W. R. Grace & Co. Plant growth regulating compositions Accepted on 30th October 1967.  
*Comprising a trifluoro methyl anilide and more than 50% by weight of an inert carrier.*
- 105065 Aluminium Laboratories Limited. Improvements in or relating to subhalide distillation process for the recovery of aluminium Accepted on 28th October 1967.  
*Maintaining aluminium trichloride in gaseous state, bringing gas stream into surface contact with molten salt for heat exchange*
- 105090 Esso Research and Engineering Company. Reduction of iron ores Accepted on 28th October 1967.  
*Combusting fuel and reducing ore to ferrous, with drawing heated effluent and feeding it to heat ferric oxide, preheating and partially reducing ferric oxide within 600°F to 900°F to convert water to hydrogen.*
- 105149 Formica International Limited. A resin impregnated laminate and a process for its production (6th May 1965). [Addition to No 96803]. Accepted on 31st October 1967.  
*Comprises forming an assembly of one or more core sheets impregnated with a phenol formaldehyde, urea formaldehyde or phenol urea formaldehyde resin, an intermediate sheet or layer comprising melamine urea formaldehyde resin and an outer protective sheet of the fluorine containing polymer and curing the assembly by means of heat under pressure*
- 105231 Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Method of automatic assembling and encasing of starters for luminescent lamps and equipment therefor. Accepted on 3rd November 1967.  
*Consisting of a glow discharge lamp, condenser and a pre-assembled disc*
- 105247 Glaverbel. Process for modifying the electrical properties of a porous body or loose particle mass and porous bodies or loose particle mass obtained thereby Accepted on 28th October 1967.  
*Comprises introducing into pores gases containing tin halide and oxygen to cause compound of tin and oxygen to form and deposit in pores.*
- 105309 Krasnoyarsky Mekhanichesky Zavod Attachment for tractor Accepted on 31st October 1967.  
*The working teeth being mounted on the frame and adapted to be actuated by separate hydraulic power cylinders, connected in parallel with the common hydraulic system.*
- 105315 Zavod Tjazhelogo Mashintsevija im Ordzhonikidze 'Uralmashzavod'. Stay rope boom mainly intended for dragline excavators. Accepted on 31st October 1967.  
*At least two plane stay trusses with rigid chords are arranged in vertical planes meeting at the boom point forming an acute angle by their rigid chords, a link lattice being fixed between the latter.*
- 105393 Hyderabad Asbestos Cement Products Ltd. Process for fiberization of raw asbestos Accepted on 28th October 1967.  
*Consists in subjecting the raw asbestos to wet milling process, thereafter drying the wet milled asbestos to remove the water therefrom and then subjecting the dried asbestos to crushing or disintegration.*
- 105527 Ministerul Industriei Chimice. Process and plant for obtaining high purity styrene from petrochemical by-products Accepted on 3rd November 1967.  
*Wherein isopropyl benzene impurities are separated from ethylbenzenes and xylenes in a superfractionation column after which the latter is dehydrogenated and thereafter the xylenes are separated in the fractionating columns*

105612. General Electric Company. Improvements in or relating to oxidation of phenols in the presence of molecular sieves. Accepted on 3rd November 1967.

*Comprising the reaction in solution of (A) phenol (B) oxygen and (C) a catalytically active copperamine complex in the presence of a molecular sieve.*

105703. Veb Kabelwerk Oberspree (Kwo). Load and unload device on bottom reeling-up rollers for stranded materials especially electric cables and cables. Accepted on 2nd November 1967.

*Comprising a setting device a pilot bush spring elements, a coupling sleeve and multi-keyed shaft.*

105705. Dresser Industries, Inc. Pressure fluid gauge. Accepted on 30th October 1967.

*Comprising a casing, calibrated dial pointer, fluid responsive mechanism bezel, annular side wall.*

105875. International Nickel Limited. Steel. Accepted on 28th October 1967.

*Containing from 3 to 6.5% nickel, from 12 to 16.5% chromium, from 0 to 1.5% molybdenum, nitrogen upto 0.1% from 0, to 1% silicon, from 0 to 1% manganese and from 0 to 0.5% aluminium, the balance being iron.*

105941. The New Shorrock Spg. and Mfg. Company Limited. Continuous process for removal of carbonised residues from—polyester cotton or polyester—regenerated fibre blends. Accepted on 31st October 1967.

*Comprises the treatment with sodium chloride followed by steam and  $H_2O_2$ .*

106070. E. K. Cole Limited. Improvements in or relating to car radio receivers. (8th July 1965). Accepted on 28th October 1967.

*Characterised in that at least part of the circuit of the receiver is provided on an interchangeable printed circuit panel, different circuit panels being used for a different supply voltage.*

106113. U. S. Padhey. Display board. Accepted on 2nd November 1967.

*Comprises a number of multifaced rotating elements supported side by side, means for rotating said elements.*

106155. Allis-Chalmers Mfg. Co. Company. Improved method of heat treating minerals. Accepted on 28th October 1967.

*Characterized by the steps of drawing a portion of the gases in the preburning zone into contact with and through the material in the preburning zone and then out of preburning zone, by passing another portion of the gases in the preburning zone, mixing air with said by passed portion of gases, removing unwanted mineral constituents from the cooler mixture produced in the previous step, and then passing the mixture to said preconditioning zone.*

106279. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to transistors. (30th July 1965). Accepted on 27th October 1967.

*Forming a transistor comprising a semiconductor body having a diffused emitter region of one conductivity type and a collector region of the one conductivity type, the part of the base region below the emitter region lying at a depth in the body from the one surface less than the depth of the adjacent part of the base region extending to one surface.*

106297. Daimler-Benz Aktiengesellschaft. Improvements relating to leaf-spring hangers. (10th May 1966). Accepted on 3rd November 1967.

*Wherein the metal rubber seal comprises two hard metal compensating washers each with an elastic sealing ring disposed around it.*

106543. Chicago Pneumatic Tool Company. A rock drill. Accepted on 3rd November 1967.

*A rock drill having a drill member having an elongated housing, a rotatable tool holder, a motor unit and driving connection, means for mounting the motor unit, front and rear slideable connection of motor unit and a buffer means.*

106653. Parks-Cramer Company. Unitary blowing and suction traveling cleaner for textile mills. [Addition to No. 96823]. Accepted on 31st October 1967.

*Comprises a single horizontally positioned blowing housing a flexible blowing air tube, a rotary blowing air impeller, a suction housing and a flexible suction tube connected to each inlet of suction housing.*

106735. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Dissazo dyes, their complex metal compounds and process for preparing them. Accepted on 7th October 1967.

*Diazotising 1 mol. of an aminoazo dyestuff and then coupling with 1 mol. of a coupling component of the pyrazolone series.*

106749. International Standard Electric Corporation. Improvements in or relating to sealed contact devices. (27th August 1965). Accepted on 3rd November 1967.

*Includes in a sealed enclosure, a flat resilient plate a contact area of electrically conductive material, and two fixed contacts.*

106950. Vsesojuzny Nauchno-Issledovatel'sky I Proektny Institut Teploproekt. Centrifuge for manufacturing mineral fibre impregnated with binder. Accepted on 3rd November 1967.

*Characterized in that the hollow shaft of one or of the plurality of rolls is employed as a conduit for supplying the binding material, and that the butt position of the hollow shaft bears a nozzle for atomizing the binding material.*

107100. A. Ehrenreich & Cie. A ball joint. Accepted on 30th October 1967.

*Characterized in that within the packing a socket consisting of an elastic material provided on the joint pin said socket projecting from the surrounding zone of the joint pin by the packing after insertion of the joint closely towards the ball head against the same being separate from the packing and being rigidly attached to the joint pin.*

107113. Swiss Aluminium Ltd. Sleeve for protecting carbon anode electrode apparatus for producing the sleeve, and carbon anode electrode provided with such sleeve. Accepted on 31st October 1967.

*Sleeve for protecting peg in carbon anode head used in aluminum electrolysis consisting of aluminum strip with three flat walls, edges meeting, one edge forming first flange projecting web tube and other forming inclined portion.*

107226. Eaton Yale & Towne Inc. Dispensing device. Accepted on 27th October 1967.

*Comprising a valve stem extending into engagement with a wall of a chamber, the reciprocation of the stem opening the outlet to permit dispensing.*

107295 K. W. Stookey. Improved Blast air heating stove in metallurgical furnaces and the like. Accepted on 28th October 1967.

*Improved air heating stoves in metal producing operations comprising a shell, a quantity of heat absorbing refractory bodies, means for selectively circulating flow of hot gas through shell, a combustion chamber and a burner, and a means for circulating upwardly a flow of air through shells refractory body.*

107527. Pechiney—Compagnie De Produits Chimiques Et Electrometallurgiques. A ventilated building for

the production of aluminium by electrolysis. Accepted on 30th October 1967.

Comprising at least one cell shop with a sloping roof and a wall at the lower end of the roof, said wall having at its bottom end air-intake opening, a wall at the upper end of the roof adjoined by a corridor, an intake hood above the corridor, a triangular passage limited by upper part of roof, upper part of shop wall and an inclined baffle having intake openings arranged inside the shop for passage to a purifier and from there to a chimney.

107756. Compagnie Francaise Thomson Houston—Hotchkiss Brandt. Improvements in feedback amplifiers. Accepted on 31st October 1967.

The output voltage comprises the combination of three voltages, applied through three resistances and includes a limiter circuit.

107845. Westinghouse Electric Corporation. An electric coil in or for electrical inductive apparatus. Accepted on 28th October 1967.

Comprising electrical insulating and adhesive materials disposed between the turns of the coil.

107878. Zaklady Produkcyjne Elementow Budowlanych. Method of cutting semi-plastic mould cast mass, especially of cellular concrete, and a string for application of this method. Accepted on 3rd November 1967.

Characterised in that during cutting the string is set in translatory, reciprocating, or rotary, leftward or rightward, motion and simultaneously the string is intended into the mass of the cellular concrete.

107887. Stamicarbon N. V. Process for the catalytic oxidation of toluene with oxygen, in the gaseous phase, to benzaldehyde and/or benzoic acid. Accepted on 30th October 1967.

Comprises oxidising in presence of a catalyst containing silver vanadate and either a vanadate of lead or thallium or silver arsenate.

108094. Fichtel & Sachs A. G. Clutch disc with vibration damper. Accepted on 28th October 1967.

Hub and disc body having vibration dampers, springs elastic in circumferential direction, the first vibration damper operating in a turning angle range upto  $\pm 14^\circ$  and having a flat spring characteristic with a spring force constant upto about 0.5 kgm per degree while the second vibration damper having a spring force constant between 1.5 kgm to 10 kgm per degree.

108095. Fichtel & Sachs A. G. Clutch disc with several vibration dampers arranged in series. Accepted on 28th October 1967.

Rubber spring elements acting as damping elements for the first vibration damper and being arranged between two metal rings and being joined to said metal rings by vulcanization and subjected to shear.

108205. The Pyrene Company Limited. A process of etching aluminium surfaces, and surfaces etched thereby. (3rd December 1965). Accepted on 30th October 1967.

With an aqueous alkali metal hydroxide based etching solution containing at least one polyhydroxy compound sequestering agent of the formula  $CH_3OH - (CHOH)_n - CH_3OH$ , a starch of the formula  $(C_6H_{10}O_5)_X$ , a polyhydroxy monobasic acid of the formula  $COOH - (CHOH)_n - CH_3OH$ , or a polyhydroxy diabasic acid of the formula  $COOH - (CHOH)_n - COOH$ ,  $COOH$ , gum arabic or an alkali metal salt of one of these acids, in which a sequestering agent containing at least one imino diacetic acid group is included in the treatment.

108256. Farbenfabriken Bayer Aktiengesellschaft. Moulding compositions based on mixtures of elastic and

thermoplastic copolymers. (22nd September 1966). Accepted on 28th October 1967.

Comprises (A) glass fibres sized with water or vinyl silane and (B) elastic thermoplastic copolymer mixture comprising (a) rubber elastic copolymer and (b) thermoplastic copolymer.

108906. Pilkington Brothers Limited. Improvements relating to apparatus for the protection of instruments intended for use at high temperatures. (18th January 1966). Accepted on 31st October 1967.

Comprising a refractory tube closed at one end of dimensions to be used the instrument, and a casing for the tube, at least that part of the casing for location in the molten material being formed of material capable of maintaining rigidity and stability at the temperature of the molten material.

109084. Mrs. Kamala Murthy. Process of making blocks from cast iron boring scrap to make it fit for remelting in cupola. Accepted on 3rd November 1967.

Process for making blocks out of machining wastes and scraps suitable for melting in cupola by bonding the chips with cement to form blocks to be utilised in cupola.

109172. J. Streule and B. Brot. Cigarette or cigar filter. Accepted on 3rd November 1967.

Smoke filters comprises concentric hollow cylindrical parts extending longitudinally being deflected several times to form deposit in the form of tobacco sauce.

109247. Amsted Industries Incorporated. Chain links for use in drive chains. Accepted on 3rd November 1967.

Having on at least one end a transverse tubular hook formed of a plurality of laterally disposed curved strips in at least a part thereof.

109343. Petrocarbon Developments Limited. Low temperature separation of gases and apparatus therefor. (22nd February 1966). Accepted on 28th October 1967.

Characterised in that reflux and reboil for each column is provided by a separate heat pump cycle for each column and in that the two columns are thermally linked together by a common condenser/evaporator.

109425. Fram Filters Limited. Improvements in or relating to air filters. (23rd March 1966). Accepted on 31st October 1967.

Comprising a two part casing of plastic material, the casing parts consisting of a body portion and a lid removably secured to the body portion, a removable air filter cartridge located between the two parts of the casing.

110166. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to low-pressure mercury-vapour discharge lamps. Accepted on 3rd November 1967.

Comprising discharged space, thermionic electrode electron emitting material, emissive material mixed with a compound of boron from the 2nd, 4th, 5th or 7th column of the Periodic table in a quantity from 0.1% to 15%.

110210. Simms Motor Units Limited. Improvements in or relating to starters for internal combustion engines. Accepted on 27th October 1967.

Spring assembly is rotatably mounted on the second portion of the main shaft for rotation relative to the starter as a whole.

110342. Thermo King Corporation. Fuel supply system. Accepted on 27th October 1967.

Fuel line circuit extends to a point well above the fuel receiver and that a fuel conduit extends from an upper portion of the said circuit above said fuel receiver downwardly.

110529. Stella-Meta Filters Limited. Method of sealing a clearance between a cylindrical body member and an encircling annular body member. (13th May 1966). Accepted on 28th October 1967.

*Comprising fitting a sleeve of ductile plastic in annular body and forcing cylindrical body into position with an interference fit between it and sleeve.*

110838. Bibhuti Prasad Barua. Chaser die. Accepted on 30th October 1967.

*Characterized in that the ridges of the profile are triangular or inverted V-shaped in formation and the crests thereof are triangular or V-shaped in formation also.*

111066. J. E. Ostberg. Method of stirring, dispersing or homogenising metal or slag charges, having a temperature of at least 800°C, and mechanical device for such stirring. Accepted on 31st October 1967.

*Comprising rotating in the melt a mechanical stirring device comprising a substantially a vertical tube and at least one radially extending lateral tube section, so that mixing takes place in the zone of lateral tube section at the same time as the vertical tube in combination with the lateral tube section conduits melt to said mixing zone.*

111417. International Nickel Limited. Nickel-chromium-iron alloys. Accepted on 28th October 1967.

*Containing 34-40% nickel, 15 to 19% chromium, .25 to 2% niobium, atleast one of tungsten and molybdenum not exceeding 3.5% tungsten and 3.5% molybdenum.*

111580. General Electric Company. Potentially reactive, heat reactive, polyarylene ethers and process of preparing the same. [Divisional date 25th January 1966]. Accepted on 25th October 1967.

*Comprising reacting novolak resin, oxygen, cupric salt complex and an amine, 0 to 99 mol per cent of a phenol.*

112639. Veb Chemiefaserwerk Schwarza "Wilhelm Pieck". Method of production of curiled spun filaments and fibres. [Divisional date 3rd February 1966]. Accepted on 3rd November 1967.

*Characterised by spinning together granulated materials of different moisture contents, e.g. 0.01% and 0.2% of water.*

112640. Veb Chemiefaserwerk Schwarza "Wilhelm Pieck". Method of production of curiled spun filaments and fibres. [Divisional date 3rd February 1966]. Accepted on 3rd November 1967.

*Characterised by melting and spinning one component under an inert gas atmosphere and the other component under a steam atmosphere.*

#### Printed Specification Published

A limited number of printed copies of the undernoted specification are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :

(1)

84926. 84968. 84987. 85018. 85311. 85432. 85809. 85870.  
 85942. 86206. 86298. 86327. 86328. 86346. 86348. 86361.  
 86373. 86380. 86385. 86400. 86402. 86405. 86408. 86451.  
 86472. 86496. 86497. 86502. 86562. 86607. 86657. 86663.  
 86766. 86792. 86836. 86927. 86928. 86936. 86968. 87016.  
 87024. 87031. 87060. 87062. 87063. 87123. 87167. 87174.  
 87231. 87281. 87297. 87436. 87549. 87580. 87581. 87618.  
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 87915. 87943. 87944. 87964. 88033. 88080. 88099. 88133.  
 88320. 88462. 88479. 88495. 88501. 88578. 88704. 88735.  
 88780. 88794. 88801. 88822. 88837. 88844. 88879. 89098.  
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86296. 90282. 90439. 90462. 90486. 90527. 90698. 90790.  
 90879. 91015. 91024. 91078. 91209. 91415. 91423. 91761.  
 91773. 91794. 91798. 91809. 91858. 91863. 91883. 91898.  
 91901. 91915. 91918. 91922. 91928. 91931. 91932. 91944.  
 91945. 91960. 91966. 91971. 92001. 92026. 92054. 92159.  
 92197. 92212. 92219. 92255. 92364. 92372. 92518. 92720.  
 92751. 92861. 92867. 93106. 93304. 99218. 99600. 99860.

#### Patents Sealed

90608. 99555. 99589. 99612. 99628. 99673. 99785. 99823.  
 99867. 99882. 99975. 99984. 99995. 100004. 100034. 100135.  
 100138. 100184. 100209. 100363. 100465. 100515. 100675.  
 100722. 100826. 100908. 100976. 101021. 101171. 101199.  
 101201. 101228. 101229. 101251. 101286. 101345. 101360.  
 101470. 101864. 101983. 102021. 102033. 102039.  
 102046. 102047. 102082. 102108. 102133. 102136. 102221.  
 102283. 102316. 102534. 102551. 102567. 102639. 102748.  
 102851. 103029. 103030. 103073. 103212. 103225. 103246.  
 103259. 103550. 103606. 104089. 105537. 105826. 107408.  
 108071. 108350. 108434. 108652. 108653.

#### Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Union Carbide Corporation, Manufacturers, a corporation organized and existing under the laws of the State of New York, located at 270 Park Avenue, New York, New York, United States of America, seek leave to amend the description and claims in the specification and figures of the drawings in respect of patent application No. 95064. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that St. Anne's Board Mill Company Limited a British Company of St. Anne's Road, Bristol 4, England, trading as Coated and Folding Boxboard Manufacturers, seek leave to amend the application form of the patent application No. 105922. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

The amendment proposed by E. I. Du Pont De Nemours & Co. in respect of patent No. 95021 as advertised in the Gazette of India, Part III, Section 2, dated the 24th June 1967 has been allowed.

(4)

The amendment proposed by The Cleveland Crane & Engineering Company in respect of patent application No. 95905 as advertised in the Gazette of India, Part III, Section 2 dated the 24th June 1967 has been allowed.

#### Renewal Fees Paid

48385. 48425. 48449. 48499. 50168. 50626. 50652. 50818.  
 50986. 53082. 53133. 53181. 53188. 53195. 53432. 53616.  
 53617. 55602. 55660. 55721. 55752. 55816. 55858. 55872.  
 55942. 56082. 56083. 56135. 56214. 56410. 58800. 58925.  
 59019. 59308. 59309. 59403. 59460. 59634. 59636. 59637.

60216. 60787. 60881. 60882. 60883. 60884. 60894. 60895.  
 61981. 62130. 62160. 62174. 62288. 62337. 62352. 62369.  
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 66405. 66763. 66776. 69216. 69254. 69557. 69565. 69645.  
 69697. 69739. 69750. 69761. 69809. 69857. 69861. 69865.  
 70053. 70054. 70055. 70056. 70057. 70092. 70177. 70262.  
 70798. 70880. 73442. 73616. 73702. 73889. 73991. 73994.  
 74028. 74134. 74151. 74179. 74271. 74291. 74576. 74594.  
 74635. 74926. 74933. 74992. 75805. 75933. 77963. 78461.  
 78850. 79100. 79105. 79132. 79157. 79163. 79164. 79184.  
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 83640. 84488. 84735. 84838. 84866. 84867. 84871. 84894.  
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 85091. 85104. 85138. 85164. 85172. 85174. 85230. 85232.  
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 90675. 90676. 90677. 90692. 90706. 90717. 90734. 90779.  
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 91029. 91105. 91133. 91169. 91183. 91196. 91263. 91274.  
 91282. 91283. 91390. 91405. 91413. 91414. 91432. 91482.  
 91582. 91620. 91816. 91821. 92099. 92462. 95383. 95687.  
 96333. 96339. 96440. 96470. 96532. 96732. 97101. 99469.

#### Cessation of Patents

52301. 78945.

#### Restoration Proceedings

##### (1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 49124—Rocla Pipes Limited.

The patent ceased on the 6th March 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 4th November, 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th December 1967.

##### (2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 57053—The British Internal Combustion Engine Research Association.

The patent ceased on the 18th April 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 11th November 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th December 1967.

##### (3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 66716—Heinrich Gieren.

The patent ceased on the 11th February 1965, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 9th October 1965. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 24th December 1967.

##### (4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 87021—Bot Brasseri Oxygen Technik AG.

The patent ceased on the 18th March 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 14th October 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th December 1967

##### (5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 91093—Ian Griffith Slater & another.

The patent ceased on the 6th December 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 30th September 1967. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 30th December 1967.

##### (6)

An order has been made on the 24th October, 1967, restoring the patent No. 55947, dated as of the 18th August 1955, granted to Farbenfabriken Bayer Aktiengesellschaft for "manufacture of finely dispersed water-insoluble dyestuff pastes".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 131499 to 131504. The Sassoon Spg. & Wvg. Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay 41, "Textile goods", August 3, 1967.

Class 13. Nos. 131559 to 131576. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", August 16, 1967.

Class 13. Nos. 131578 to 131581. The Bombay Dyeing & Mfg. co., Ltd., a Public Limited Company, an Indian Company incorporated in India under the Indian Companies Act, 1866, Neville House, Ballard Estate Fort, Bombay-1, "Cotton textiles", August 16, 1967.

Class 13. No. 131583. Sovrin Knit Works, Fatehgarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", August 17, 1967.

A. JOGARAO,  
Controller General of Patents, Designs and Trade Marks.